

# ABSTRACT

A GUI-equipped terminal apparatus which is connected to another terminal device through a network, and forms a distributed software environment, has

GUI display means;

a virtual language environment which is a program execution environment in which a program code generated in a predetermined language can be executed independent of a specific type of apparatus;

access limit confirmation means of operating in another execution environment different from the virtual language environment; and

network I/F means,

wherein:

the network I/F means exchanges information with another terminal device through the network;

the GUI display means displays an application GUI at an instruction from an application executed in the virtual language environment, and displays an access limit confirmation GUI at an instruction from the access limit confirmation means; and

the access limit confirmation means receives an access confirmation message encrypted by another terminal device through the network I/F means, and transmits an encrypted

access confirmation reply message to the other terminal device through the network I/F means.